IN THE SPECIFICATION

At page 2, line 28, amend the paragraph as follows:

Recently, the UltimateTV personal digital video recorder was introduced by Microsoft that solves the "on all the time" and channel confusion problems of TIVO. This unit may not be prior art to the gateway and headend cherrypicker that implement TIVO functions inventions disclosed herein because of an earlier conception date. Further, having the TIVO functions done in a gateway or a headend is different than having them ~~then~~ done in a separate digital video recorder, and it saves customers money by only needing to pay for the service and not buy an entire TIVO unit and subscription to the program data.

At page 3, line 28, amend the paragraph as follows:

A subgenus within the genus of the invention is a class of intelligent remote controls with a display which can issue commands to the headend in a bidirectional digital data communication system to do one or more of the following functions:

(1) monitor one video channel while watching another on a TV;

(2) change video channel selections for the TV or remote;

(3) order video-on-demand programs;

(4) <u>control the headend to</u> browse the internet through a headend web server and display text and graphics of web pages or e-mail on the remote display;

(5) control local peripherals coupled to a customer premises gateway either directly by RF or infrared link to the peripheral or through commands issued to the gateway from the remote via a settop box with suitable RF or infrared transceiver circuitry;

(6) <u>control the headend to</u> carry out TIVO-like functions for the customer; and/or

(7) and control any other servers or other circuitry at the headend to enjoy

services provided to the customer from the headend.

At page 38, line 8, amend the paragraph starting there as follows:

One or more programs 416 control host 400 and display 402 to display

menus from which services provided by the headend may be ordered or invoked

by receiving input from keyboard/input device 404. This causes host 400 to

generate an IP packet using TCP/IP stack programs 418 requesting the service

and sends it PC card 380 for transmission to the gateway. These upstream

request packets can include such requests as ordering a video on demand

selection, changing a channel for broadcasts, ordering a preview of another

channel or VOD selection to be sent to the PDA remote 399 for viewing on display

402 while something else is watched on a TV connected directly or indirectly to

the gateway, etc. One or more MPEG decompression programs 420 control host

400 to receive MPEG compressed streaming video of previews, game video, etc.

to be displayed on remote display 402 and <u>decompress</u> ~~decompressed~~ the video

back to its uncompressed state. Program(s) 420 then control host 400 to convert

the video to a state in which it can be viewed on display 402 and stores each

frame of data in frame buffer 410.